

# LA SOLAR

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### MONO MODULE

### LS390-420HC

**DESIGNED IN USA  
MADE IN ARMENIA**

**25 YEAR  
WARRANTY**



High conversion efficiency



Outstanding low irradiation performance



Less shading effect



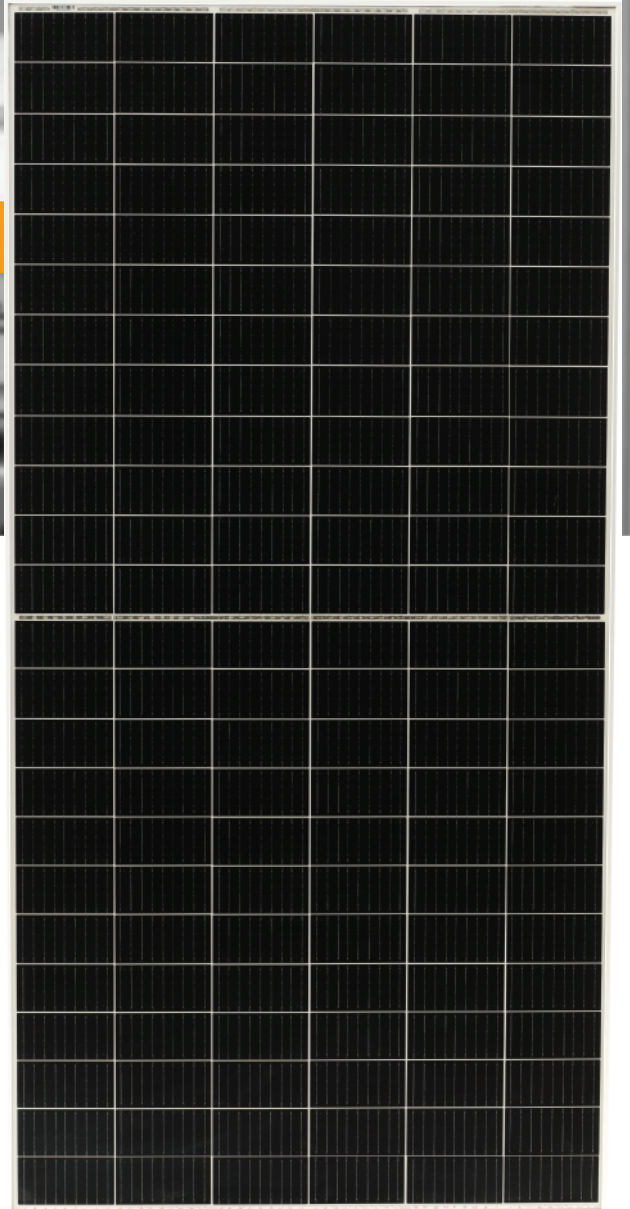
Excellent loading capability



Higher ROI



Strong physical Property



#### QUALIFICATIONS AND CERTIFICATES



Intertek  
5020665



**UL/IEC61215, UL/IEC61730  
ANTI-PID IEC TS 62804-1:2015  
ISO9001, ISO14001, ISO45001**



**EAC**

**CE**

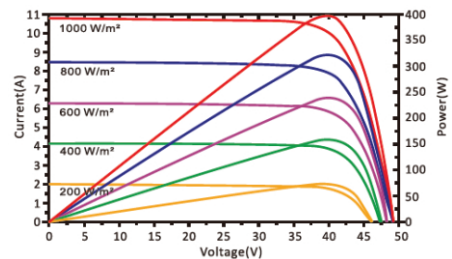
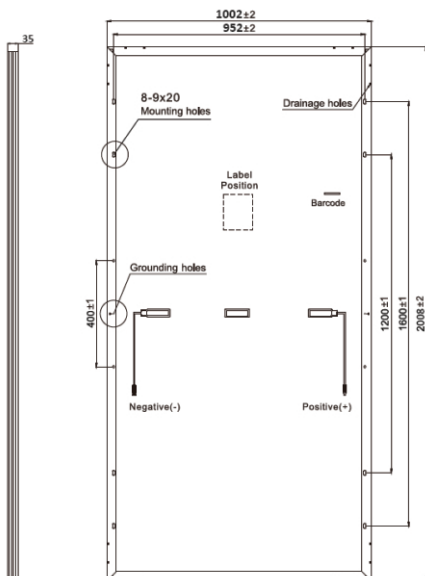
📍 111 Raffi st., Yerevan, RA

🌐 [www.lasolarfactory.com](http://www.lasolarfactory.com)

MODEL TYPE	LS390HC	LS395HC	LS400HC	LS405HC	LS410HC	LS415HC	LS420HC
Peak Power (Pmax)	390W	395W	400W	405W	410W	415W	420W
Module Efficiency	19.39%	19.63%	19.89%	20.14%	20.41%	20.61%	20.93%
Maximum Power Voltage (Vmp)	40.25V	40.35V	40.45V	40.55V	40.65V	40.70V	40.80V
Maximum Power Current (Imp)	9.70A	9.81A	9.90A	10.00A	10.10A	10.20A	10.30A
Open Circuit (Voc)	48.30V	48.45V	48.60V	48.75V	48.90V	49.00V	49.10V
Short Circuit Current (Isc)	10.30A	10.40A	10.50A	10.60A	10.70A	10.80A	10.90A
Power Tolerance	± 3 %						
Maximum system Voltage Nominal	1500V						
Operating Cell Temperature	44.4 ± 2°C						
Maximum Series Fuse Rating	20A						

MECHANICAL DATA		TEMPERATURE CHARACTERISTICS	
Cell Type	Monocrystalline PERC, 9BB	Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Number of Cells	144 (6x12+6x12)	Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Weight	50.7 lbs (23.0kg)	Temp. Coeff. of Pmax (TK Pmax)	-0.37% /°C
Dimension	80x40x1.4in	PACKING MANNER	
Max Load	5400 Pascals	Container	40'HQ
Junction Box	IP68	Pieces per Pallet	30
Connector	MC4	Pieces per Container	600
Wire type	compatible PV wire		
Fire Performance	Type 1		
Protection Class: Class II (Classified as per IEC 61140)			

PHISICAL CHARACTERISTICS	ELECTRICAL CHARACTERISTICS
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1-V characteristics at different temperatures

